AT-GS900/8POE

Unmanaged 8 port Power over Ethernet Gigabit Switch with 1 SFP

AT-GS900/8POE
8 port 10/100/1000T unmanaged Power over Ethernet Gigabit switch with 1 SFP combo port

High Performance

Providing powerful 10/100/1000 switching solutions for desktop, conference room and security applications, the Allied Telesis AT-GS900/8POE unmanaged switch features automatic detection and classification of an attached PoE device. With all eight copper ports PoE capable (four at full 15.4w), this is the perfect solution for a wireless security or conference room application. The copper ports on the switch feature full auto-negotiation. These ports enable the switches to detect the speed and duplex modes of attached devices, enabling them to automatically configure for the best possible performance. One SFP port is also available for connecting this device to other switches in your network, such as the 9400 series of switches over a fiber optic cable.

Simplified Installation

The AT-GS900/8POE provides wall-mount, rack-mount and desktop options giving users their choice of deployment locations. Fully auto-configuring AT-GS900/8POE switch requires minimal set-up by the user. Auto-sensing ports enable seamless and simple connectivity between existing 10Mbps Ethernet and 100Mbps Fast Ethernet, 1000T UTP devices—and all units can be installed in minutes. Every AT-GS900/8POE switch is equipped with auto MDI/MDI-X across all ports for simple connection to other hubs and switches as well as automatic detection and classification of the PoE ports. Finally, easy to read top panel LEDs show ongoing switch status and simplify troubleshooting.

Quality and Reliability

Allied Telesis is a worldwide leader in unmanaged Ethernet switches. Shipping more than 250,000 each year, Allied Telesis offers proven reliability and industry recognized quality.

Key Features

- 8 10/100/1000T ports
- 1 SFP uplink port (combo)
- Auto detect and classification of PoE
- PoE capable on all 8 10/100/1000T ports (4 @ 15.4w max)
- IEEE 802.3af standard
- Non-blocking architecture
- Auto-negotiation ports
- Auto MDI/MDI-X on all copper ports
- Plug and Play installation
- Rack-mount, wall-mount and desktop hardware included
- Supports jumbo frames up to 9.6Kbytes

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Performance

Ethernet	10Mbps (half-duplex) 20Mbps (Full-duplex)
Fast Ethernet	100Mbps (Half-duplex) 200Mbps (Full-duplex)
Gigabit Ethernet	1000Mbps (Half-duplex) 2000Mbps (Full-duplex)
MAC addresses	8K
Packet buffer	768K
Half/full-duplex	
Auto-negotiation	
Auto MDI/MDI-X on all copper ports	

Interface Connections

10/100/1000T	RJ-45
1 x SFP	Fiber only

Power Characteristics

Frequency	50 to 60Hz
Power requirements	90-240V AC
Power consumption	90W max
PoE power	48vDC, 65W
Switch and fan power	12vDC, 20W

Environmental Specifications

Operating temp	0°C to 40°C (32°F to 104°F)
Non-operating temp	-25°C to 70°C (-13°F to 158°F)
Operating humidity	10% to 90% non-condensing
Non-operating humidity	5% to 95% non-condensing
Vibration	IEC 68-2-36
Shock	IEC 68-2-29
Drop	IEC 68-2-32

Physical Characteristics

Dimensions (W x D x H)	33cm x 22cm x 4.3cm (13" x 8.7" x 1.7")
Weight	1.9kgs (4.20lbs)

Standards and Compliance

IEEE 802.3i	10T Ethernet
IEEE 802.3u	100TX Fast Ethernet
IEEE 802.3x	Flow control
IEEE 802.3af	Power over Ethernet (mode A)
IEEE 802.3z/ab	1000T Gigabit Ethernet
IEEE 802.3z	1000SX/LX

Certification

UL1950 TUV UL
C-Tick CE Mark
FCC Part 15
CISPR 22
EN55022

Ordering Information

AT-GS900/8POE-xx
8 port 10/100/1000T unmanaged PoE switch with 1 SFP

Where xx =
10 for US power cord
30 for UK power cord
40 for Australian power cord
50 for European power cord

Accessories

Small Form Pluggables (SFPs)

AT-SPTX
10/100/1000T 100m copper
Order number: 990-000262-00

AT-SPSX
GbE multi-mode 850nm fiber
Order number: 990-00028-00

AT-SPLX10
GbE single-mode 1310nm fiber up to 10km
Order number: 990-00029-00

AT-SPLX40
GbE single-mode 1310nm fiber up to 40km
Order number: 990-00161-00

AT-SPLX40/1550
GbE single-mode 1550nm fiber up to 40km
Order number: 990-00160-00

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